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TOT: 201419Z MAY 86

CIA (b)(3)

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SECRET SPECAT NOFORN (b)(1)
SPECAT 201419Z CIA (b)(3)
TO: IMMEDIATE DIRNSA, DEPARTMENT OF STATE,
WHITE HOUSE SITUATION ROOM, NATIONAL SECURITY COUNCIL STAFF, DIA,
DOEMO.

SERIAL: [REDACTED]

PASS:

NSA FOR ZKZK 000 ZRL DE (EXCLUSIVE FOR THE DIRECTOR, NSA); STATE
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CENTRAL INTELLIGENCE AGENCY

WARNING: INFORMATION REPORT, NOT FULLY EVALUATED INTELLIGENCE
REPORT CLASS SECRET--WNINTEL--NOFORN-- [REDACTED]

EXCLUSIVE DISSEMINATION TO ADDRESSEES AT END OF REPORT

DIST: 20 MAY 1986

COUNTRY: USSR

SUBJ: MEDICAL TREAT(b)(3) CHERNOBYL VICTIMS

DOI: [REDACTED]

SOURCE: [REDACTED]

TEXT: 1. VICTIMS OF THE CHERNOBYL NUCLEAR ACCIDENT ARE UNDERGOING
TREATMENT FOR VARYING DEGREES OF RADIATION SICKNESS AT HOSPITAL
NUMBER SIX IN MOSCOW. SPECIALISTS WHO REVIEWED THE CASES AT HOSPITAL
SIX NOTED THAT THERE WERE ABOUT 30 CASES REVIEWED, AND ALL OF THE
CASES WERE YOUNG MALES IN THEIR MID-20'S. THEIR CONDITIONS RANGED
FROM THOSE IN APPARENTLY GOOD HEALTH EXHIBITING NO ILL EFFECTS FROM
THEIR EXPOSURE, TO AT LEAST TWO WHO WERE DEEMED TOO SICK FOR
TREATMENT. 30 PATIENTS WERE REVIEWED BETWEEN 4 MAY AND 10 MAY. OF
THAT NUMBER, TWO WERE CONSIDERED TOO ILL FOR TREATMENT BY BONE MARROW
TRANSPLANT, SIX OTHERS WERE GIVEN FETAL LIVER TRANSPLANTS RATHER THAN
BONE MARROW TRANSPLANTS, AND MANY OTHERS WERE GIVEN BONE MARROW
TRANSPLANTS. [REDACTED] COMMENT: THE TWO DEEMED TOO ILL FOR TREATMENT
ARE ASSUMED TO HAVE DIED. ONE OF THE PATIENTS COULD NOT BE FED
BECAUSE HIS MOUTH WAS BLEEDING AND FULL OF SORES. ANOTHER PATIENT
HAD RADIATION BURNS ON HIS LEGS. AT THE OTHER END OF THE SPECTRUM,
ONE PATIENT APPEARED TO HAVE SUFFERED NO APPARENT ILL EFFECTS.
[REDACTED] COMMENT: THERE WAS NO EXPLANATION OF THE CIRCUMSTANCES UNDER
WHICH THESE YOUNG MEN WERE EXPOSED TO RADIATION. THERE WAS NO
INFORMATION ABOUT THEIR JOBS, NOR PROXIMITY TO THE REACTOR WHEN THEY
WERE AFFECTED BY RADIATION. IT WAS NOT CLEAR WHETHER THESE PATIENTS
REPRESENTED ALL OF THE CHERNOBYL VICTIMS UNDER TREATMENT.)

2. SEVERAL FLOORS OF THE HOSPITAL WERE QUARANTINED FOR USE BY
THE CHERNOBYL VICTIMS. EACH VICTIM HAD A PRIVATE ROOM AND HIS BLOOD
COUNT WAS TAKEN DAILY. [REDACTED] COMMENT: HOSPITAL SIX WAS NOT LIKE A
NORMAL HOSPITAL IN THE SENSE THAT THERE WERE NO READY INDICATIONS OF

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OTHER NORMAL HOSPITAL ACTIVITY BESIDES THAT ASSOCIATED WITH THE CHERNOBYL VICTIMS. THERE WERE NO BABIES OR OTHER TYPES OF PATIENTS THAT ONE MIGHT EXPECT TO SEE IN A NORMAL HOSPITAL. HOSPITAL NUMBER SIX IS A NINE STORY STRUCTURE THAT IS WALLED OFF FROM ITS NEIGHBORS. ACCESS TO THE BUILDING IS RESTRICTED BY SECURITY GUARDS.)

3. THERE WERE TEN SOVIET DOCTORS TREATING THE CHERNOBYL PATIENTS AT HOSPITAL SIX. (FNU) ((BARANOV)) WAS IN CHARGE OF THE DAY-TO-DAY OPERATIONS AT THE HOSPITAL AND ITS HANDLING OF THE ACCIDENT VICTIMS. A SPECIALIST FROM THE MINISTRY OF HEALTH, ANGELINA ((GUSKOVA)), CHIEF OF THE INSTITUTE OF BIOPHYSICS OF THE MINISTRY OF HEALTH WAS IN OVERALL CHARGE OF THE EFFORT TO TREAT THE RADIATION VICTIMS. EVERY DAY AT FOUR P.M. THE SOVIETS WOULD MEET TO REVIEW EACH PATIENT'S CONDITION AND DECIDE THE NEXT DAY'S COURSE OF TREATMENT. EACH PATIENT'S CASE HISTORY WOULD BE PRESENTED FOLLOWED BY SPECIFIC INFORMATION ON AN INDIVIDUAL'S BLOOD COUNT, TISSUE TYPE AND OTHER RELEVANT FACTORS. IN ADDITION TO BARANOV AND GUSKOVA, OTHER DOCTORS WORKING AT HOSPITAL SIX ARE (FNU) ((STEPANOV)), (FNU) ((NOSKRESENSKIY)) AND (FNU) ((FETISOV)). ALL THREE WERE FROM THE MINISTRY OF HEALTH.

4. [REDACTED] COMMENT: THE SOVIET DOCTORS SEEMED TO BE WELL VERSED IN THE EFFECTS OF RADIATION ON HUMANS. THE DOCTORS WERE ABLE TO DETERMINE A VICTIM'S LEVEL OF EXPOSURE FROM HIS SYMPTOMS. THEY WERE ABLE TO DEDUCE THE NUMBER OF RADS FOR A VICTIM AS A CORRELATION OF THE NUMBER OF LYMPHOCYTES IN HIS BLOOD. THE SOVIET DOCTORS SEEMED TO ALREADY HAVE A STRONG UNDERSTANDING OF WHAT SPECIFIC DAMAGE IS INFLICTED BY WHAT SPECIFIC DOSE OF RADIATION.)

5. [REDACTED] COMMENT: IN CONTRAST TO THEIR APPARENT KNOWLEDGE OF RADIATION SICKNESS, SOVIET DOCTORS WERE AT LEAST TEN YEARS BEHIND THE WEST IN TISSUE TYPING TECHNIQUES NECESSARY TO PERFORM BONE MARROW TRANSPLANTS. MUCH OF THEIR EQUIPMENT WAS RUDDIMENTARY AND UP TO 30 YEARS OLD. NOTABLE EXCEPTIONS WERE A U.S. ULTRA-COLD FREEZER AND A CENTRIFUGE. DOCTORS AT HOSPITAL SIX HAD TO OBTAIN RE-AGENTS OR ANTISERUMS USED TO TISSUE TYPE VICTIMS FROM Leningrad WHICH SEEMED TO BE THE BEST AVAILABLE IN THE COUNTRY. SOVIET DOCTORS ARE NOW BEING TRAINED INTENSIVELY IN MODERN TISSUE TYPING TECHNIQUES AND HAVE RECEIVED MODERN EQUIPMENT THAT SHOULD SPEED THE PROCESS. THE THREE SOVIETS BEING TRAINED IN MODERN TISSUE TYPING ARE (FNU) ((ZOTIKOV)), (FNU) ((ZARLESKYA)) AND (FNU) ((MUZAVIEA)).

DISSEM: [REDACTED]

WASHINGTON DISSEM:

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TO DIA: EXCLUSIVE FOR THE DIRECTOR, DIA.

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